

**Notice of Allowability**

Application No.

10/539,278

Examiner

Timothy J. Dole

Applicant(s)

ADOLFSSON ET AL

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2858

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the preliminary amendment filed June 16, 2005.
2. ☒ The allowed claim(s) is/are 1-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 2/6/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney of record Eric J. Franklin on May 18, 2006.

The application has been amended as follows:

Delete: --to the casing of the support insulator as well as-- in claim 7, line 4.

Delete: --, as well as to the casing of the support insulator-- in claim 14, line 6.

The following changes to the drawings have been approved by the examiner and agreed upon by applicant: Label: Fig. 1: "Prior Art"; Fig. 1, box 2: "Control Equipment"; Fig. 1, box 333a: "D/O"; Fig. 1, box 333b: "D/O"; and Fig. 3, box 42a/42b: "current measuring means". In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

2. The following is an examiner's statement of reasons for allowance: the claims are considered to be allowable due to the inclusion of claim limitations "wherein the measuring equipment comprises a screen of an electrically conductive material surrounding said external voltage terminal, and wherein said electrically conductive screen is electrically conductively connected to the casing of the support insulator" in claim 1; and "wherein said measuring equipment is provided with a screen of an electrically conductive material, surrounding said

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external voltage terminal and being electrically conductively connected to the casing of the support insulator” in claim 8.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following patents are cited to show the state of the art with respect to high voltage measurement equipment.

USPN 4,999,569 to Weikel: This patent shows a support insulator with a coupling capacitor for measuring the current or voltage of a high voltage line and providing optical transmission but does not disclose the conductive screen arrangement.

USPN 4,894,609 to Fujiki et al.: This patent shows a support insulator and a coupling capacitor for measuring the current or voltage of a high voltage line and providing optical transmission but does not disclose the conductive screen arrangement.

USPN 4,859,925 to Beling: This patent shows a support insulator with a shield for measuring the current or voltage of a high voltage line and providing optical transmission but does not disclose the shielding surrounds an external

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voltage terminal of a coupling capacitor and connects to the casing of the insulator.

USPN 4,280,093 to Houston: This patent shows a support insulator with a shield but does not disclose the shielding surrounds an external voltage terminal of a coupling capacitor.

USPN 2,333,532 to Frakes et al.: This patent shows a support insulator with a shield but does not disclose any voltage or current measurement for a high voltage conductor.

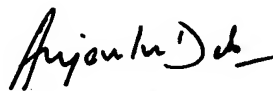
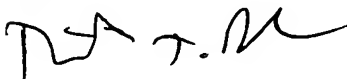
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Dole whose telephone number is (571) 272-2229.

The examiner can normally be reached on Mon. thru Fri. from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diane Lee can be reached on (571) 272-2399. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TJD



ANJAN DEB  
PRIMARY EXAMINER